(12) INTERNATIONAL APPLICATION PUBLISHED UNDER THE PATENT COOPERATION TREATY (PCT)

(19) World Intellectual Property Organization

International Bureau



(43) International Publication Date 15 January 2004 (15.01.2004)

PCT

(10) International Publication Number WO 2004/005534 A2

(51) International Patent Classification7:

C12Q

(21) International Application Number:

PCT/US2003/022259

(22) International Filing Date:

8 July 2003 (08.07.2003)

(25) Filing Language:

English

(26) Publication Language:

English

(30) Priority Data: 60/394,443

8 July 2002 (08.07.2002) US

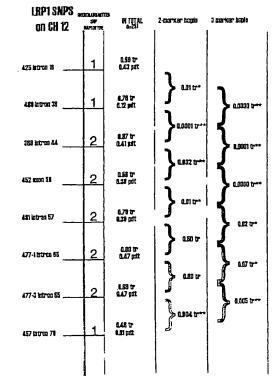
- (71) Applicant (for all designated States except US): DUKE UNIVERSITY [US/US]; 2020 West Main Street, Suite 10, Durham, NC 27705 (US).
- (72) Inventors; and
- (75) Inventors/Applicants (for US only): PERI-CAK-VANCE, Margaret, A. [US/US]; 304 Silver

Creek Trail, Chapel Hill, NC 27514 (US). VANCE, Jeffrey, M. [US/US]; 304 Silver Creek Trail, Chapel Hill, NC 27514 (US). HAINES, Jonathan, L. [US/US]; 1609 Knox Drive, Brentwood, TN 37027 (US).

- (74) Agent: ABRAMSON, Jarett, K.; Myers Bigel Sibley & Sajovec, P.A., P.O. Box 37428, Raleigh, NC 27627 (US).
- (81) Designated States (national): AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NI, NO, NZ, OM, PG, PII, PL, PT, RO, RU, SC, SD, SE, SG, SK, SL, SY, TJ, TM, TN, TR, TT, TZ, UA, UG, US, UZ, VC, VN, YU, ZA, ZM, ZW.
- (84) Designated States (regional): ARIPO patent (GH, GM, KE, LS, MW, MZ, SD, SL, SZ, TZ, UG, ZM, ZW), Eurasian patent (AM, AZ, BY, KG, KZ, MD, RU, TJ, TM), European patent (AT, BE, BG, CH, CY, CZ, DE, DK, EE,

[Continued on next page]

(54) Title: SCREENING FOR ALZHEIMER'S DISEASE



(57) Abstract: The present invention discloses methods of screening a subject for Alzheimer's disease comprising detecting the presence or absence of a marker or functional polymorphism associated with a gene linked to Alzheimer's disease.